



Robert Greene Sterne
Edward J. Kessler
Jorge A. Goldstein
David K.S. Cornwell
Robert W. Esmond
Tracy-Gene G. Durkin
Michele A. Cimbala
Michael B. Ray
Robert E. Sokohl
Eric K. Steffe
Michael Q. Lee
Steven R. Ludwig
John M. Covert
Linda E. Alcorn
Robert C. Millonig
Lawrence B. Bugaisky
Donald J. Featherstone
Michael V. Messinger

Judith U. Kim
Timothy J. Shea, Jr.
Patrick E. Garrett
Jeffrey T. Helvey
Heidi L. Kraus
Albert L. Ferro*
Donald R. Banowitz
Peter A. Jackman
Teresa U. Medler
Jeffrey S. Weaver
Kendrick P. Patterson
Vincent L. Capuano
Eldora Ellison Floyd
Thomas C. Fiala
Brian J. Del Buono
Virgil Lee Beaston
Theodore A. Wood
Elizabeth J. Haanes

Joseph S. Ostroff
Frank R. Cottingham
Christine M. Lhullier
Rae Lynn Prengaman
George S. Bardmesser
Daniel A. Klein*
Jason D. Eisenberg
Michael D. Specht
Andrea J. Kamagaz
Tracy L. Muller
LuAnne M. DeSantis
Ann E. Summerfield
Tiera S. Coston
Aric W. Ledford*
Helene C. Carlson
Timothy A. Doyle*
Jessica L. Parezo
Gaby L. Longworth*

Lori A. Gordon*
Nicole D. Dretar*
Ted J. Ebersole
Jyoti C. Iyer*
Laura A. Vogel

Registered Patent Agents*
Karen R. Markowicz
Nancy J. Leith
Matthew J. Dowd
Aaron L. Schwartz
Katrina Yujian Pei Quach
Bryan L. Skelton
Robert A. Schwartzman
Teresa A. Colella
Jeffrey S. Lundgren
Victoria S. Rutherford
Michelle K. Holoubek

Robert H. DeSelms
Simon J. Elliott
Julie A. Heider
Mita Mukherjee
Scott M. Woodhouse
Michael G. Penn
Christopher J. Walsh

Of Counsel
Kenneth C. Bass III
Evan R. Smith
Marvin C. Guthrie

*Admitted only in Maryland
*Admitted only in Virginia
*Practice Limited to
Federal Agencies

November 5, 2004

WRITER'S DIRECT NUMBER:
(202) 772-8855

INTERNET ADDRESS:
HOLOUBEK@SKGF.COM

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Issue Fee

Re: Allowed U.S. Utility Patent Application
Appl. No. 10/630,871; Filed: July 31, 2003
For: **Using Time and/or Power Modulation to Achieve Dose Gray-Scaling
in Optical Maskless Lithography**

Inventors: Cebuhar *et al.*
Our Ref: 1857.1650000

Sir:

In response to the **Notice of Allowance and Issue Fee Due** dated August 26, 2004, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

1. Issue Fee Transmittal (Form PTOL-85B);
2. Fee Transmittal (Form PTO/SB/17);
3. Letter to PTO Draftsman: Submission of Replacement Formal Drawings;
4. Twelve (12) sheets of replacement formal drawings (Figs. 1-12);
5. PTO-2038 Credit Card Payment Form for \$1,673 to cover:
\$1,370.00 Issue Fee;
\$ 3.00 Advance copies of patent;
\$ 300.00 Publication Fee; and
6. One (1) return postcard.

Commissioner for Patents
November 5, 2004
Page 2

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Michelle K. Holoubek
Agent for Applicants
Registration No. 54,179

MKH/jmh
Enclosures

331398-1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Cebuhar *et al.*

Appl. No.: 10/630,871

Filed: July 31, 2003

For: **Using Time and/or Power Modulation
to Achieve Dose Gray-Scaling in
Optical Maskless Lithography**

Confirmation No.: 9088

Art Unit: 2873

Examiner: David N. Spector

Atty. Docket: 1857.1650000

Letter to PTO Draftsman: Submission of Replacement Formal Drawings

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are twelve sheets of replacement formal drawings with Figures 1-12, corresponding to the informal drawings submitted with the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these replacement formal drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michelle K. Holoubek
Agent for Applicants
Registration No. 54,179

Date: November 5, 2004

1100 New York Avenue, N.W.
Washington, D.C. 20005-3934
(202) 371-2600
331400